

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 01/10599A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F15/18 G06N5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G06N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 852 814 A (ALLEN BRADLEY P) 22 December 1998 (1998-12-22) column 3, line 47 -column 5, line 32; figure 1	1,2,28, 30,34
X	US 5 995 956 A (NGUYEN TRUNG D) 30 November 1999 (1999-11-30) column 4, line 19 -column 5, line 23; figure 1	1,2,28, 30,34

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 November 2002

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28/11/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ledrut, P

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5852814	A	22-12-1998	US 5586218 A	17-12-1996
			AU 4286893 A	18-11-1993
			WO 9321586 A1	28-10-1993
			AT 192247 T	15-05-2000
			AU 1458492 A	06-10-1992
			CA 2105297 A1	05-09-1992
			DE 69230968 D1	31-05-2000
			EP 0575473 A1	29-12-1993
			JP 6508702 T	29-09-1994
			WO 9215951 A1	17-09-1992
			US 5581664 A	03-12-1996
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US 5995956	A	30-11-1999	US 5720001 A	17-02-1998
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